

FINAL HAZARDOUS WASTE SITE
POST PRELIMINARY ASSESSMENT
RATIONALE FOR FINAL STRATEGY DETERMINATION

IDENTIFICATION NUMBER

0055821011

SITE NAME Drwell, Div of Dow Chemical USA		ADDRESS 428 Thatcher Drive			
CITY Youngstown	STATE Ohio	ZIP CODE 44509	COUNTY Mahoning	COUNTY CODE 099	CONG DIS 17
DATE REC'D 12 3 82 MONTH / DAY / YEAR		DATE COMPLETED		PRE HRS SCORE	

PLEASE CIRCLE CORRECT CODE

- 402 RCRA TSD - Permitted or closure candidates not to be listed. Excluded by policy.
- 412 UST - Under RCRA, leaking underground storage tanks. Gasoline and petroleum products including used oil. NOTE: waste oil is CERCLA eligible.
- 401 Oil/gas - Natural gas, natural gas liquids liquefied natural gas, synthetic gas usable for fuel. Petroleum, crude oil or any fraction thereof.
- 407 Federal Facility - Federal agency financed from appropriations to the agency not Superfund. Investigated under Installation Restoration Program. (Department of Defense or similar program.) Excluded by policy.
- 408 Mining - Until HRS revision is completed by April 1988, sites cannot be scored. Dat is usually high volume, low toxicity wastes. Wastes include those from mining; exploration, development or production of crude oil, natural gas or geothermal ener and dust from cement kilns.
- 410 FIFRA - Application of pesticides registered under FIFRA, or the handling and storge of such a pesticide by an agricultural procdurer. Excluded by policy.
- 416 Radiation - Releases of source, by product or special nuclear material. Covered under Section 170 of Atomic Energy Act, Nuclear Regulatory Commission (NRC), Uranium Mill Tailings Radiation Control Act (UMTRCA). Excluded by statute.
- 414/415 Special Wastes - Such as, brine, animal feed, and grain elevators are not covered under current HRS model. Excluded by policy.
- 411 Fly-Ash - With respect to sites with substantial volumes of fly ash and others wastes from coal and fossil fuels burning. Can not use until HRS is revised in April 1988. Can not base evaluation made principally on the volume of those wastes but rather on the concentrations of the hazardous constituents of the waste.
- 409 TSCA - Permitted or candidates not to be listed. Excluded by policy.
- 403/413 Non Hazardous Substances - Substances not meeting the definition of being hazardous
- 404/405/406 SITE REQUIRED NO ADDITIONAL RESPONSE.

NFA

5E0401-104040405-406

FURTHER RESEARCH AND ANALYSIS REQUIRED, RECOMMEND SITE INSPECTION

PREPARED BY

TITLE

DATE

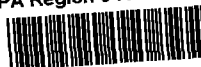
Nana M. Moore

Summer Aide

8/6/87

William D. Messenger

EPA Region 5 Records Ctr.



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11 JUL 1988



ecology and environment, inc.

223 WEST JACKSON BLVD., CHICAGO, ILLINOIS 60606, TEL. 312-663-9415

International Specialists in the Environmental Sciences

DATE: November 20, 1980
TO: File
FROM: Royce Freese
RE: Ohio/TDD# F5-8010-13
Youngstown/Dowell (Dow)

Pursuant to hotline call #783, Max Michael, Renee Hix, and myself attempted to perform an on-site inspection of the above referenced site.

We were advised by Dick Onan, Environmental Manager, N.E. District, that an on-site inspection would be prohibited at this time. The reason given was that Dowell did not feel the EPA's "Memorandum on Confidential Treatment of Certain Information Statement" met their secrecy requirements. It was insisted that in order for us to conduct an inspection, we must use a Statement of Confidentiality prepared by Dowell.

Bill Getchy, Manager of Dow, synopsized the operation of his 3-4 acre site and it is now felt an on-site inspection is not critical at this time.

The main function of the plant is to store raw material used to clean industrial steam boilers, heat exchangers, dewax oil and gas wells and other general industrial services. A typical operation is described below.

One of Dowell's 15 to 20 tank wagons is filled with dilute hydrochloric acid with other cleaning materials forming a cleaning solution. The solution is transported to the client's facility where it is forced under pressure into the boiler and is then diluted in situ. Dowell supplies their clients with two disposal services for the spent cleaning solution, but the method of disposal is the client's choice. The tank truck returns to Dowell's plant with a residual of a few gallons that eventually accumulates to approximately 300 gallons per day. This remaining cleaning solution is neutralized on-site and then sewered.

Dowell considers their customers, whose equipment is being cleaned, as the waste generators. It is insisted by Mr. Getchy that Dowell's trucks are never used to transport spent cleaning solution.

It is recommended that a RCRA inspection be conducted at this facility. Also, the EPA should address the classification and disposal of the spent cleaning solution after its removal from the boilers at the client's facility.

RF/ct